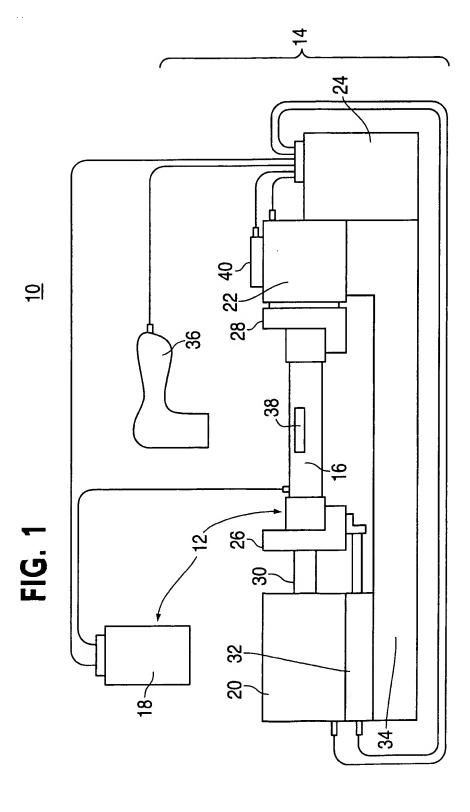TOOL EVALUATION CALIBRATOR AND
METHOD
Applicants: Paul G. KOSTENICK, Jr., et al.
Our Ref. No.: 5165.1200
Application No.: 10/603,817
REPLACEMENT SHEET

FIG. 1

TOOL EVALUATION CALIBRATOR AND
METHOD
Applicants: Paul G. KOSTENICK, Jr., et al.
Our Ref. No.: 5165.1200
Application No.: 10/603,817
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FIG. 2

TOOL EVALUATION CALIBRATOR AND
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Our Ref. No.: 5165.1200
Application No.: 10/603,817
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FIG. 3

TOOL EVALUATION CALIBRATOR AND
METHOD
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Application No.: 10/603,817
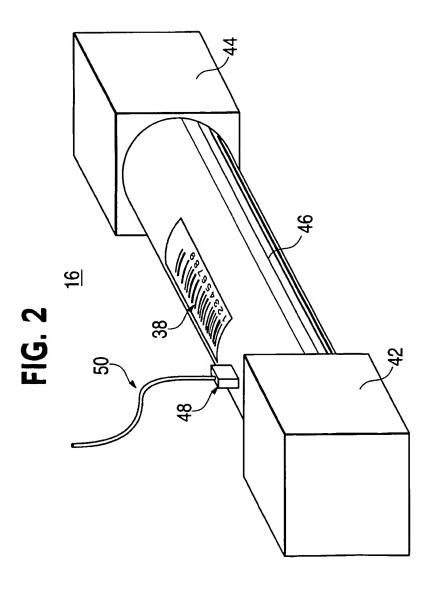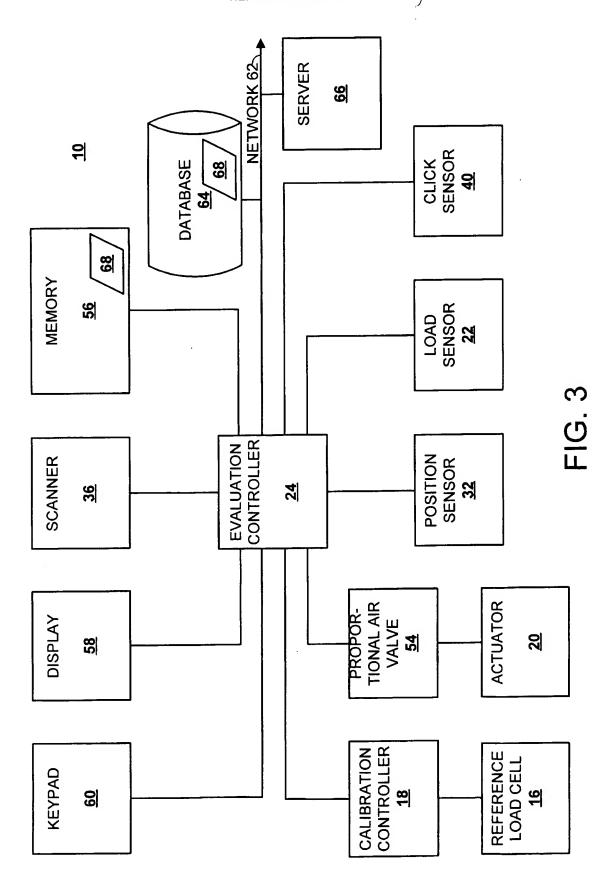*REPLACEMENT SHEET*

<u>18</u>

FIG. 4

TOOL EVALUATION CALIBRATOR AND
METHOD
Applicants: Paul G. KOSTENICK, Jr., et al.
Our Ref. No.: 5165.1200
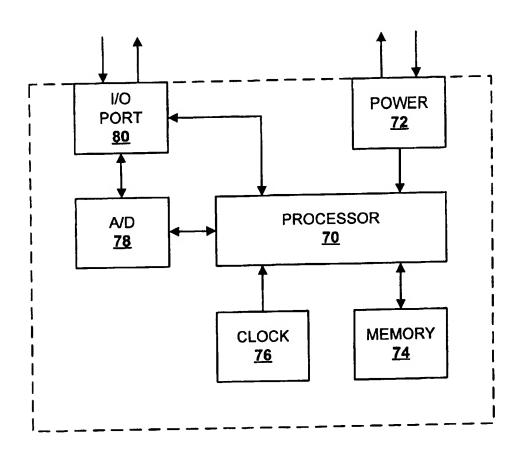Application No.: 10/603,817
REPLACEMENT SHEET

```
                   ┌─────────────────┐
                   │      START      │
                   └────────┬────────┘
                            │
                   ┌────────▼────────┐           84
                   │   TURN ON 86    │          ___
                   └────────┬────────┘
                            │
                   ┌────────▼────────┐──────────────────────┐
                   │  ID REF CELL 88 │                      │
                   └────────┬────────┘                      │
                            │                               │
                   ┌────────▼────────┐                      │
                   │  MOUNT REF CELL │                      │
                   │       90        │                      │
                   └────────┬────────┘                      │
                            │                               │
                   ┌────────▼────────┐                      │
              ┌───▶│    MODULATE     │                      │
              │    │  ACTUATOR 92    │                      │
              │    └────────┬────────┘                      │
              │             │                               │
              │    ┌────────▼────────┐──────────────────┐   │
              │    │ SENSE FORCE 94  │                  │   │
              │    └────────┬────────┘                  │   │
              │             │                           │   │
              │          ╱──▼──╲                        │   │
              │  NO    ╱  DONE ? ╲                      │   │
              └───────╱    96     ╲                     │   │
                      ╲           ╱                     ▼   ▼
                       ╲         ╱                  ┌────────────┐
                        ╲───┬───╱                   │   TABLE    │
                            │ YES                   │    68      │
                   ┌────────▼────────┐◀────────────▶│            │
                   │ CALC CAL FACTOR │              └────────────┘
                   │       98        │                   ▲   ▲
                   └────────┬────────┘                   │   │
                            │                            │   │
                         ╱──▼──╲                   ┌──────┴──────┐
                       ╱  CAL    ╲   NO            │ SENSOR      │
                      ╱ FACTOR OK?╲──────────────▶ │ FAILURE 102 │
                       ╲   100    ╱                └─────────────┘
                        ╲        ╱                         │
                         ╲──┬───╱                          │
                            │ YES                          │
                   ┌────────▼────────┐                     │
                   │   STORE CAL     │                     │
                   │  FACTOR 104     │                     │
                   └────────┬────────┘                     │
                            │                              │
                   ┌────────▼────────┐◀────────────────────┘
                   │      IDLE       │
                   └─────────────────┘
```

FIG. 5

TOOL EVALUATION CALIBRATOR AND
METHOD
Applicants: Paul G. KOSTENICK, Jr., et al.
Our Ref. No.: 5165.1200
Application No.: 10/603,817
REPLACEMENT SHEET

FIG. 6

TOOL EVALUATION CALIBRATOR AND
METHOD
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Our Ref. No.: 5165.1200
Application No.: 10/603,817
REPLACEMENT SHEET

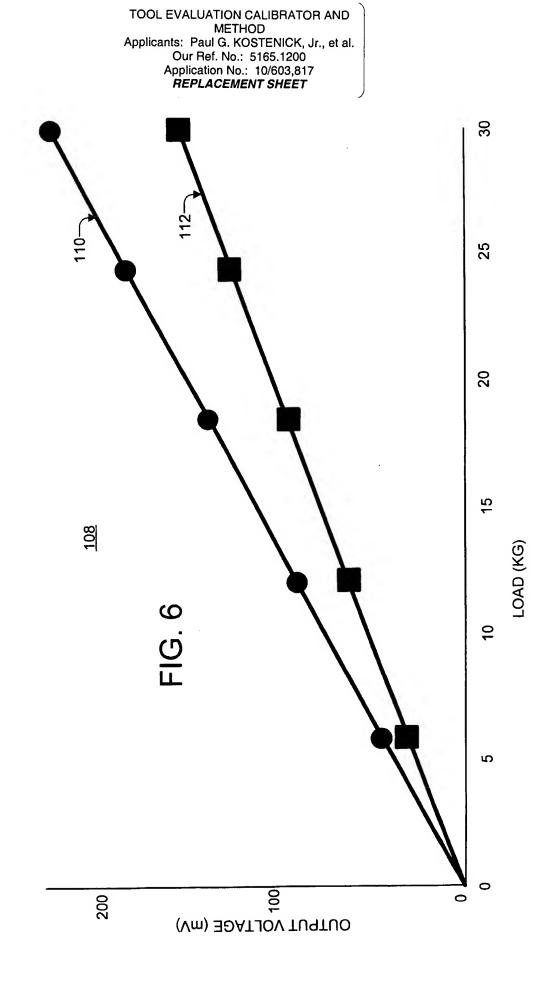FIG. 7